

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A color CRT (Cathode Ray Tube) comprising:

a panel having a luminescent screen on an inner surface thereof;

a funnel connected to the panel;

an electron gun mounted on a neck part of the funnel, the electron gun emitting electron beams toward the luminescent screen;

a shadow mask disposed in a fixed interval to the luminescent screen formed on the inner surface of the panel, the shadow mask serving to select colors; and

a frame fixing and supporting the shadow mask, wherein the shadow mask includes an effective surface having a plurality of slots and a non-effective surface surrounding the effective surface,

wherein the slots includes first slots, said first slots comprising each outermost slot of adjacent vertical columns of slots, in a vertical axis direction of the effective surface of the shadow mask, a horizontal row of second slots being

vertical axis direction, and a horizontal row of fourth slots being adjacent to the third slots in the vertical axis direction, said fourth slots being full-length or perfect slots, and

wherein smooth screen edges are obtained for the effective surface of the shadow mask at vertical lengths every length of the first slots between and inclusive of a range of 70%-110% of a vertical length of a fourth slot, inclusive.

2. (Original) The color CRT as claimed in claim 1, wherein a length of the vertical axis direction of the second slots is in the range of 70%~110% of a length of the vertical axis direction of the fourth slots.

3. (Original) The color CRT as claimed in claim 1 or claim 2, wherein a length of the vertical axis direction of the third slots is in the range of 70%~110% of a length of the vertical axis direction of the fourth slots.

4. (Previously Presented) The color CRT is claimed in claim 1, wherein a minimum length of the vertical axis direction of the first slots is greater than 63% of a maximum length of the vertical axis direction of the first slots.

5. (Currently Amended) A color CRT (Cathode Ray Tube) comprising:
- a panel having a luminescent screen on an inner surface thereof;
 - a funnel connected to the panel;
 - an electron gun mounted on a neck part of the funnel, the electron gun emitting electron beams toward the luminescent screen;
 - a shadow mask disposed in a fixed interval to the luminescent screen formed on the inner surface of the panel, the shadow mask serving to select colors; and
 - a frame fixing and supporting the shadow mask, wherein the shadow mask includes an effective surface having a plurality of slots and a non-effective surface surrounding the effective surface, wherein the slots includes first slots, said first slots comprising each outermost slot of adjacent vertical columns of slots, and
- wherein a minimum length of the vertical axis direction of the first slots is greater than 63% of a maximum length of the vertical axis direction of the first slots, all of said first slots having an outer edge portion thereof connected to and extending from an edge of an effective area of the shadow mask.

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Drawings

Applicant appreciates the Examiner's indication that the proposed drawing correction filed on April 14, 2003 has been approved. The five (5) sheets of corrected formal drawings are attached hereto.